Appl. No. 10/574,636 Amdt. dated Feb. 18, 2008 Reply to Office action of Dec. 28, 2007

## NEW ABSTRACT

The invention relates to a high pressure discharge lamp intended for use in assimilation lighting. According to the invention the high-pressure discharge lamp has a discharge vessel, which besides a buffer gas, comprises substantially LiI as metal halide or a mixture of LiI and NaI.